

PRELIMINARY AMENDMENT  
DIV of USSN 10/342,276

AMENDMENTS TO THE SPECIFICATION

Please amend the specification as follows:

Page 1, before line 2, inserting the following:

This Application is a Divisional of U.S. Application No. 10/342,276, filed January 15, 2003; which in turn is a Divisional of U.S. Application No. 09/976,165, filed October 15, 2001 (now U.S. Patent 6,562,947); which in turn is a Divisional of U.S. Application No. 09/565,538, filed May 5, 2000 (now U.S. Patent 6,333,404); which in turn is a Divisional of U.S. Application No. 09/273,565, filed March 22, 1999 (now U.S. Patent 6,166,190); which in turn is a Divisional of U.S. Application No. 09/055,699, filed April 7, 1998 (now U.S. Patent 6,005,088); which in turn is a Divisional of U.S. Application No. 08/820,170, filed March 19, 1997 (now U.S. Patent 5,831,058); the disclosure of each of which is incorporated herein by reference.

Page 29, lines 10-17,

Table 1

---

Primer	Nucleotide sequence
--------	---------------------

---

Primer P1	5'-ACACCAATCCAGTAGCCAGGCTTG-3' (SEQ ID NO:43)
-----------	---

---

Primer P2	5'-CACTCGAGAATCTGTGAGACCTACATACATGACG-3' (SEQ ID NO:44)
-----------	---

---

PRELIMINARY AMENDMENT  
DIV of USSN 10/342,276

Page 50, Table 2,

Table 2

Partial protein	Amino acid sequence
P42 (1)	VLNISLW (SEQ ID NO:46)
(2)	TLMELLNQMDGFDLHR (SEQ ID NO:47)
(3)	AVSDFVVSSEYXMAXA (SEQ ID NO:48)
(4)	EVDPLVYNX (SEQ ID NO:49)
(5)	HGEIDYEAIVK (SEQ ID NO:50)
(6)	LSXGFNGADLRNVXTEAGMFAIXAD (SEQ ID NO:51)
(7)	MIMATNRPDTLDPALLRPGXL (SEQ ID NO:52)
(8)	IHIDL PNEQARLDILK (SEQ ID NO:53)
(9)	ATNGPRYVVVG (SEQ ID NO:54)
(10)	EIDGRLK (SEQ ID NO:55)
(11)	ALQSVGQIVGEVLK (SEQ ID NO:56)
(12)	ILAGPITK (SEQ ID NO:57)
(13)	XXVIELPLTNPELFQG (SEQ ID NO:58)
(14)	VVSSSLVDK (SEQ ID NO:59)
(15)	ALQDYRK (SEQ ID NO:60)
(16)	EHREQLK (SEQ ID NO:61)
(17)	KLESKLDYKPVR (SEQ ID NO:62)

PRELIMINARY AMENDMENT  
DIV of USSN 10/342,276

Table 2 (Cont.)

P27 (1)	LVPTR (SEQ ID NO:63)
(2)	AKEEEIEAQIK (SEQ ID NO:64)
(3)	ANYEVLESQK (SEQ ID NO:65)
(4)	VEDALHQLHAR (SEQ ID NO:66)
(5)	DVDLYQVR (SEQ ID NO:67)
(6)	QSQGLSPAQAFK (SEQ ID NO:68)
(7)	AGSQSGGSPEASGVTVDVQE (SEQ ID NO:69)
(8)	GLLGXNIIPLQR (SEQ ID NO:70)

Page 54, lines 22-27,

Table 3

Primer	Nucleotide sequence
Primer P1	5'-TTGAAGAATGATGCATTAGGAACCAC-3' (SEQ ID NO:71)
Primer P2	5'-CACTCGAGTGGCTGGATTTC AATTTCTCCAGTAG-3' (SEQ ID NO:72)

Page 55, lines 17-24,

Table 4

Primer	Nucleotide sequence
Primer P3	5'-GTCGAGCTAGCCATCTCCTCTTCG-3' (SEQ ID NO:73)
Primer P4	5'-CATGGGCGACAGGTTCCGAGACC-3' (SEQ ID NO:74)

**PRELIMINARY AMENDMENT**  
**DIV of USSN 10/342,276**

**Page 57, lines 22-25,**

The first motif (domain I) is KGIPDYWLI (corresponding to amino acid residues Nos. 309-317). This was observed also in hNRP (KGIPSF~~W~~LT (SEQ ID NO:75)) and in yeast NAP-I (KGIPEF~~W~~LT (SEQ ID NO:76)).

**Page 58, lines 1-4, is amended as follows:**

The second motif (domain II) is ASFFNFFSPP (corresponding to amino acid residues Nos. 437-446) and this was expressed as DSFFNFFAPP (SEQ ID NO:77) in hNRP and as ESFFNFFSP (SEQ ID NO:78) in yeast NAP-I.

**Page 58, line 21 to Page 59, line 2,**

BNAP has not such three acidic stretches but, instead, three repeated sequences (corresponding to amino acid residues Nos. 194-207, 208-221 and 222-235) with a long acidic cluster, inclusive of 41 amino acid residues out of 98 amino acid residues, the consensus sequence being ExxKExPEVKxEEK (SEQ ID NO:79) (each x being a nonconserved, mostly hydrophobic, residue).

**Page 59, line 14 to Page 60, line 1,**

BNAP is supposed to be localized in the nucleus. Two possible signals localized in the nucleus were observed (NLSs). The first signal was found in the basic domain of BNAP and its sequence YRK~~K~~R (SEQ ID NO:80) (corresponding to amino acid residues Nos. 75-79) was similar to NLS (GRKKR) of Tat of HIV-1. The second signal was located in the C terminus and its sequence KKYRK (corresponding to amino acid residues Nos. 502-506) was similar to NLS (KKK~~R~~K (SEQ ID NO:81)) of the large T antigen of SV40. The presence of these two presumable NLSs suggested the localization of BNAP in the nucleus. However, the possibility that other basic clusters might act as NLSs could not be excluded.

PRELIMINARY AMENDMENT  
DIV of USSN 10/342,276

Page 61, lines 13-20,

Table 5

Primer	Nucleotide sequence
A1 primer	5'-CCTAAAAAGTGTCTAAGTGCCAGTT-3' (SEQ ID NO:82)
A2 primer	5'-TCAGTGAAAGGGAAGGTAGAACAC -3' (SEQ ID NO:83)

Page 67, lines 1-9,

Table 6

Primer	Nucleotide sequence
P1 primer	5'-TAATGAATTTTCATTTTAGGAGGTCGG-3' (SEQ ID NO:84)
P2 primer	5'-ATCTTTTGGGAAAGTAAGATGAGCC-3' (SEQ ID NO:85)

Page 70, lines 1-8,

Table 7

Primer	Nucleotide sequence
C1 primer	5'-GGAGACTCACCTGCTAATGTT-3' (SEQ ID NO:86)
C4 primer	5'-CTCAAAAGCAGTCTCTTGGC-3' (SEQ ID NO:87)

PRELIMINARY AMENDMENT  
DIV of USSN 10/342,276

Page 77, lines 14-21,

Table 8

Primer	Nucleotide sequence
Primer A	5'-ATGGGAGATACAGTAGTGGAGC-3' (SEQ ID NO:88)
Primer B	5'-TCACATGATGCCGTTGGTGAG -3' (SEQ ID NO:89)

Page 78, line 9,

Table 9

			1930	1940	1950	1959
				TGGATCAAGCCAATACAAGATTCTTGTGAA		
TCCATTTGGGAACAGGAGCGAGTGCCCTTTGGATCAAGCC-ATACAAGATTCTTGTG--						
1900	1910	1920	1930	1940	1950	
1960	1970	1980				
ATTACGACTGATAGTGGCATG	(SEQ ID NO:90)					
ATTTCGGCTGATAGTGGCATGATTGAACCAAGTGGTCAATGCTG						
1960	1970	1980	1990	2000		
TGTCCATCCATCAGGTG	(SEQ ID NO:91)					
2010						

Page 80, lines 19-26,

Table 10

Primer	Nucleotide sequence
Primer C1	5'-CTCAGATCTATGGGAGATACAGTAGTGGAGC-3' (SEQ ID NO:92)
Primer C2	5'-TCGAGATCTTCACATGATGCCGTTGGTGAG-3' (SEQ ID NO:93)

PRELIMINARY AMENDMENT  
DIV of USSN 10/342,276

Page 93, lines 7-15,

Table 11 .

Primer	Nucleotide sequence
P1 primer	5'-GATTTGTGCTCAATAATCACTATCTGAA-3' (SEQ ID NO:94)
P2 primer	5'-GGTTACTAGGATCACAAAGTATGAATTCTGGAA-3' (SEQ ID NO:95)

Pages 98-191 (Sequence Listing), delete in their entirety.

Pages 192-195, renumber as pages 98-101, respectively.